



Downtown Transportation Plan Update

**TRANSPORTATION COMMISSION
DECEMBER 8, 2011**

MEASURES OF EFFECTIVENESS



Downtown Transportation Plan Update

MEASURES OF EFFECTIVENESS

Discussion Outline

- Recommended refined Measures of Effectiveness
- Hypothetical Scenarios

Measures of Effectiveness

Purpose

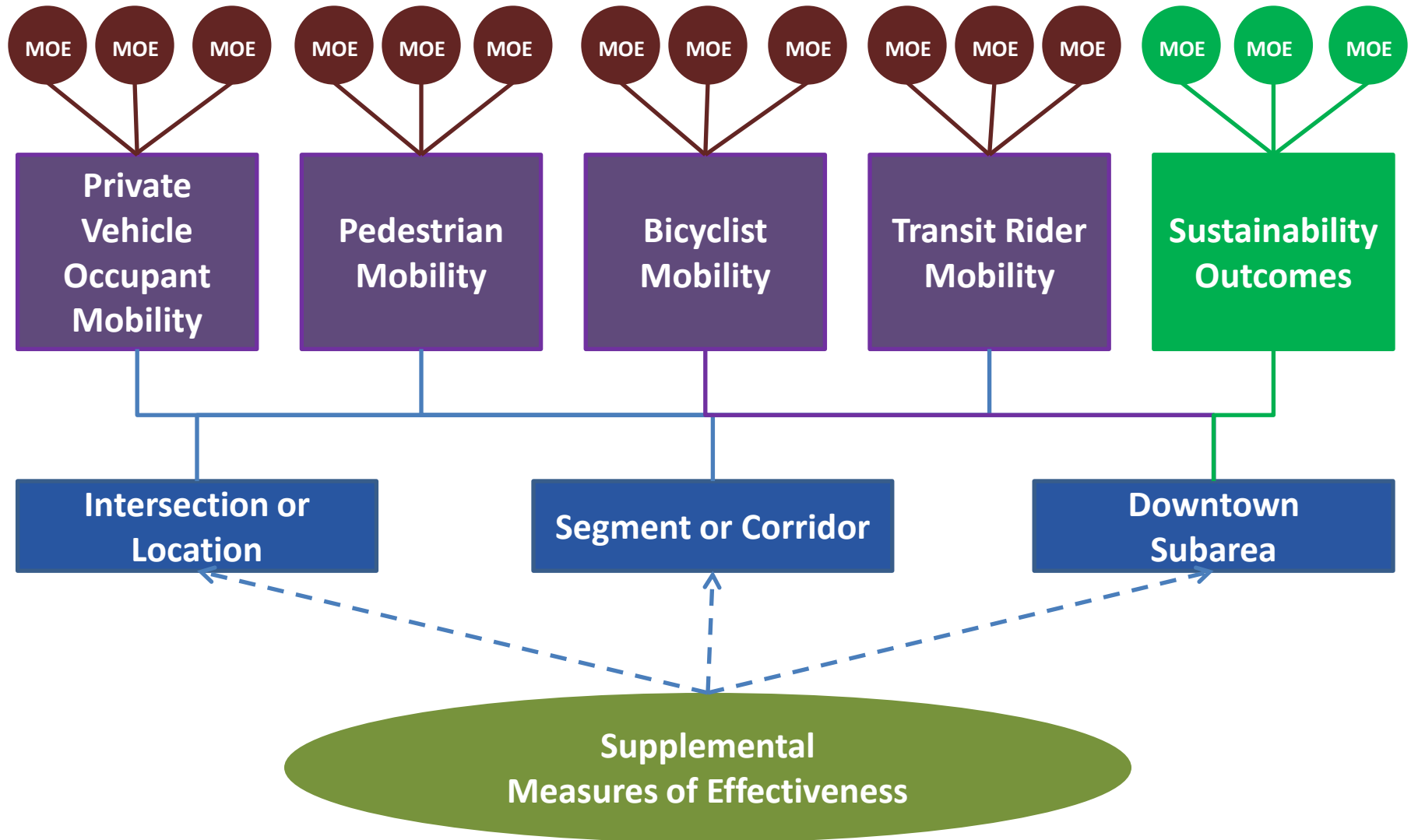
- Inform on the performance of each project
- Inform performance of each mode
- Identify potential trade-offs for projects
- Combine measures to achieve an aggregate transportation system performance for Downtown
- Package complementary projects for implementation

Measures of Effectiveness

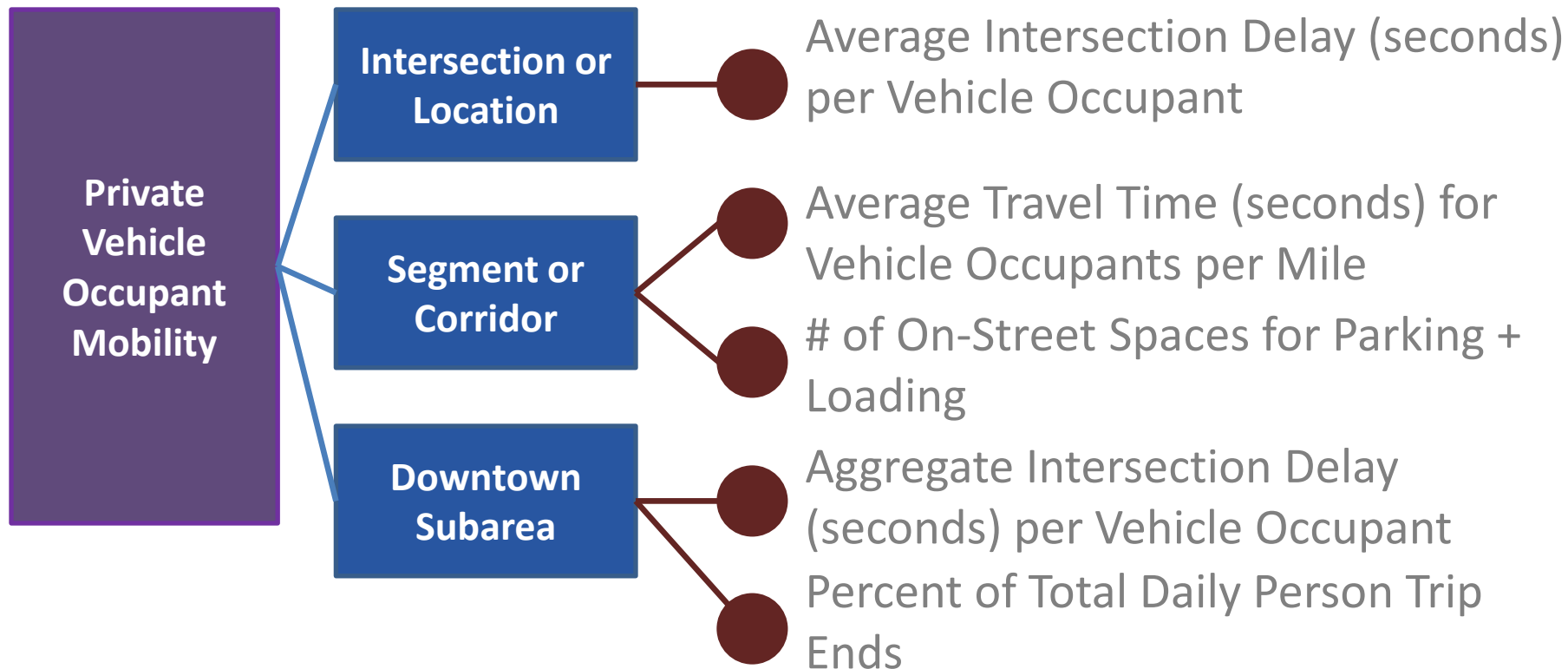
Two Types

- **Core MOEs:** Measures that are generally considered in plan development- these we will discuss with Commission at the December 8 meeting
- **Supplemental MOEs:** Measures that may be considered if warranted by plan development
 - May or may not be applicable to all modes or all types of projects
 - Use will depend on project ideas generated and the potential for packaging of compatible projects

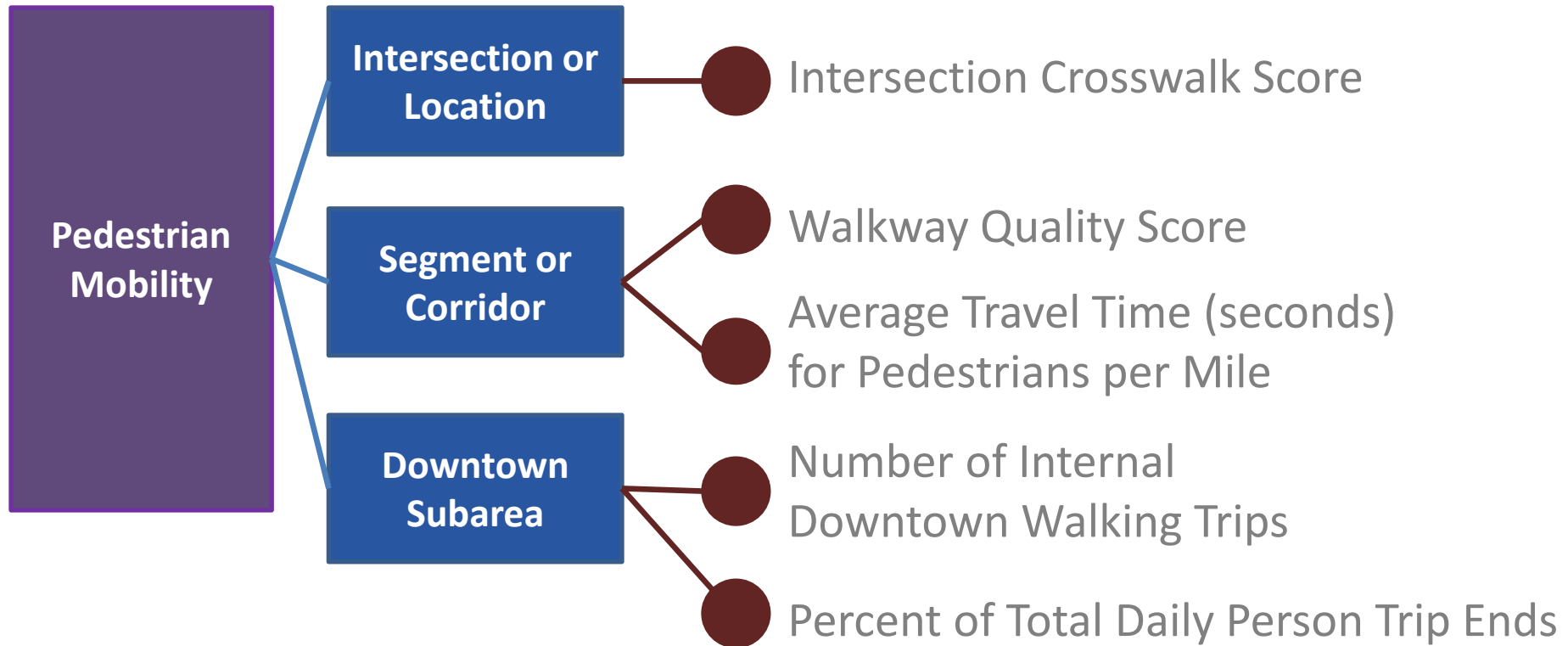
Measures of Effectiveness: Tiered Framework



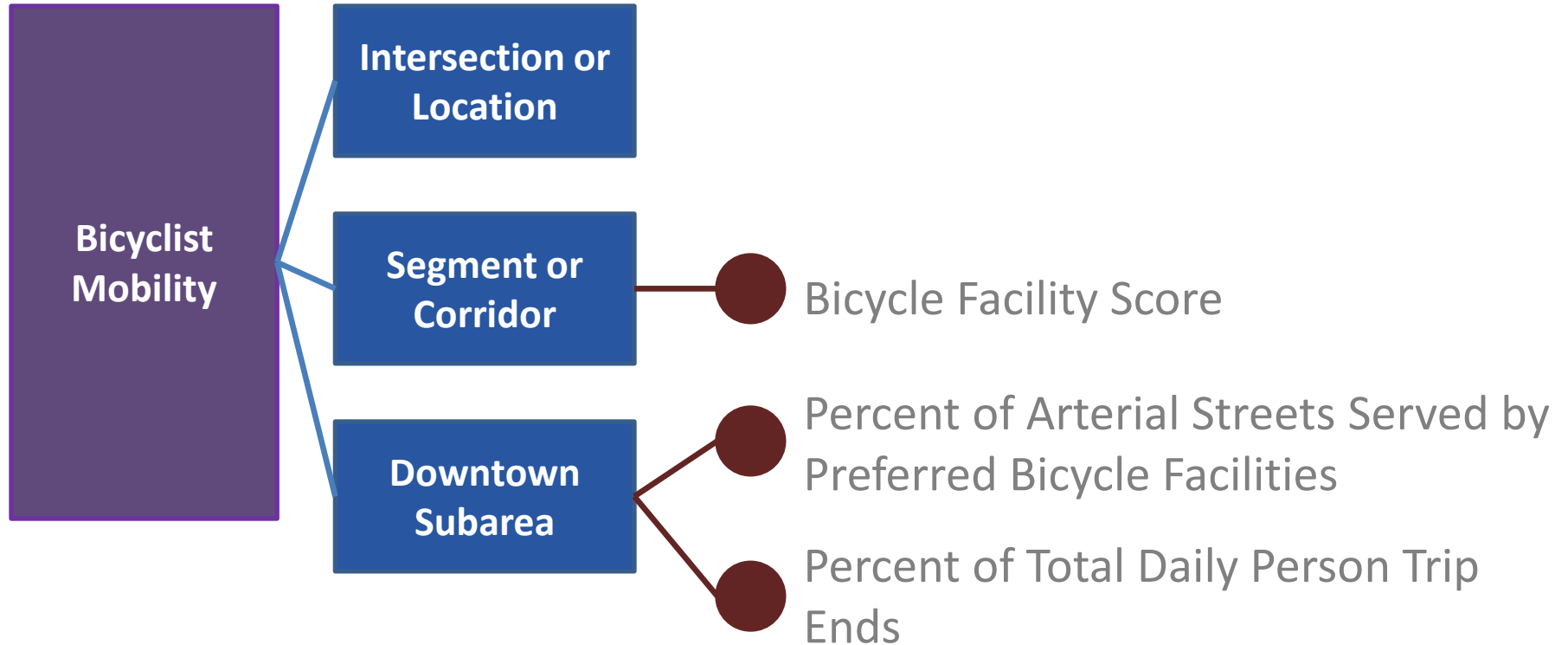
Core MOE: Private Vehicle Occupant Mobility



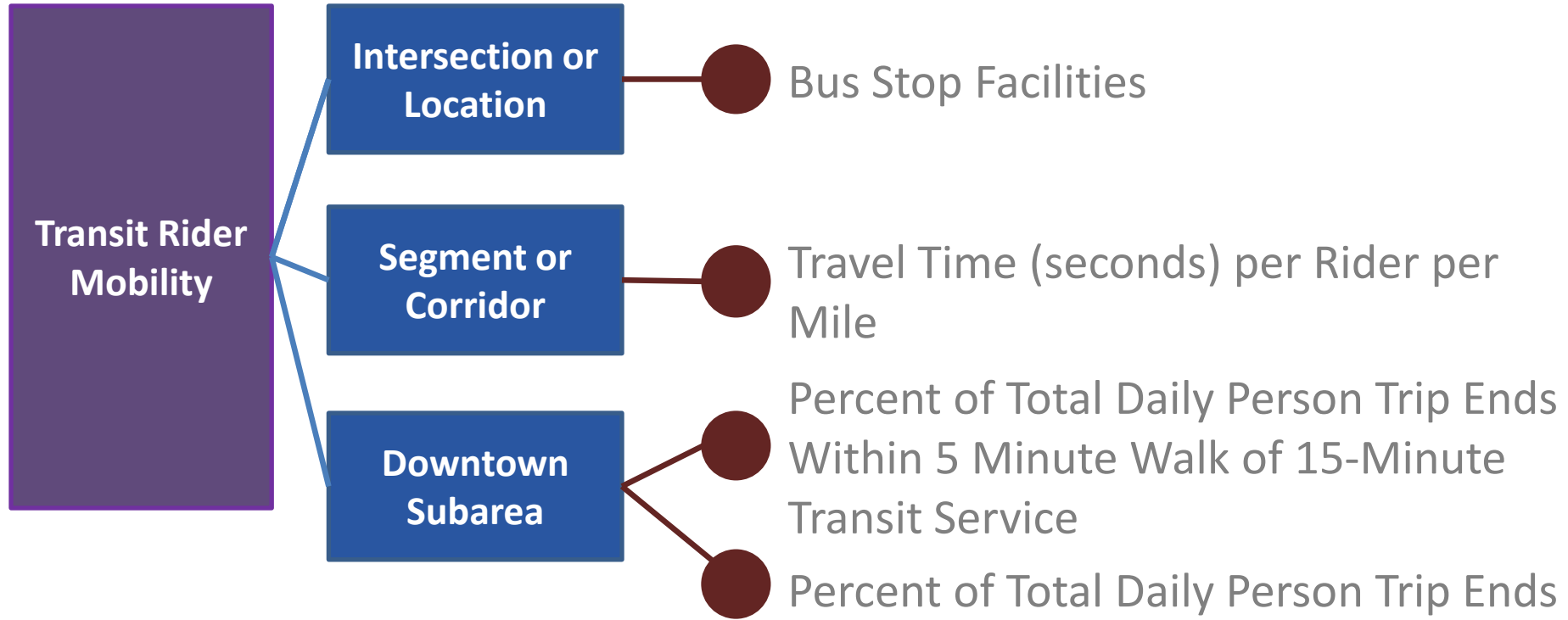
Core MOE: Pedestrian Mobility



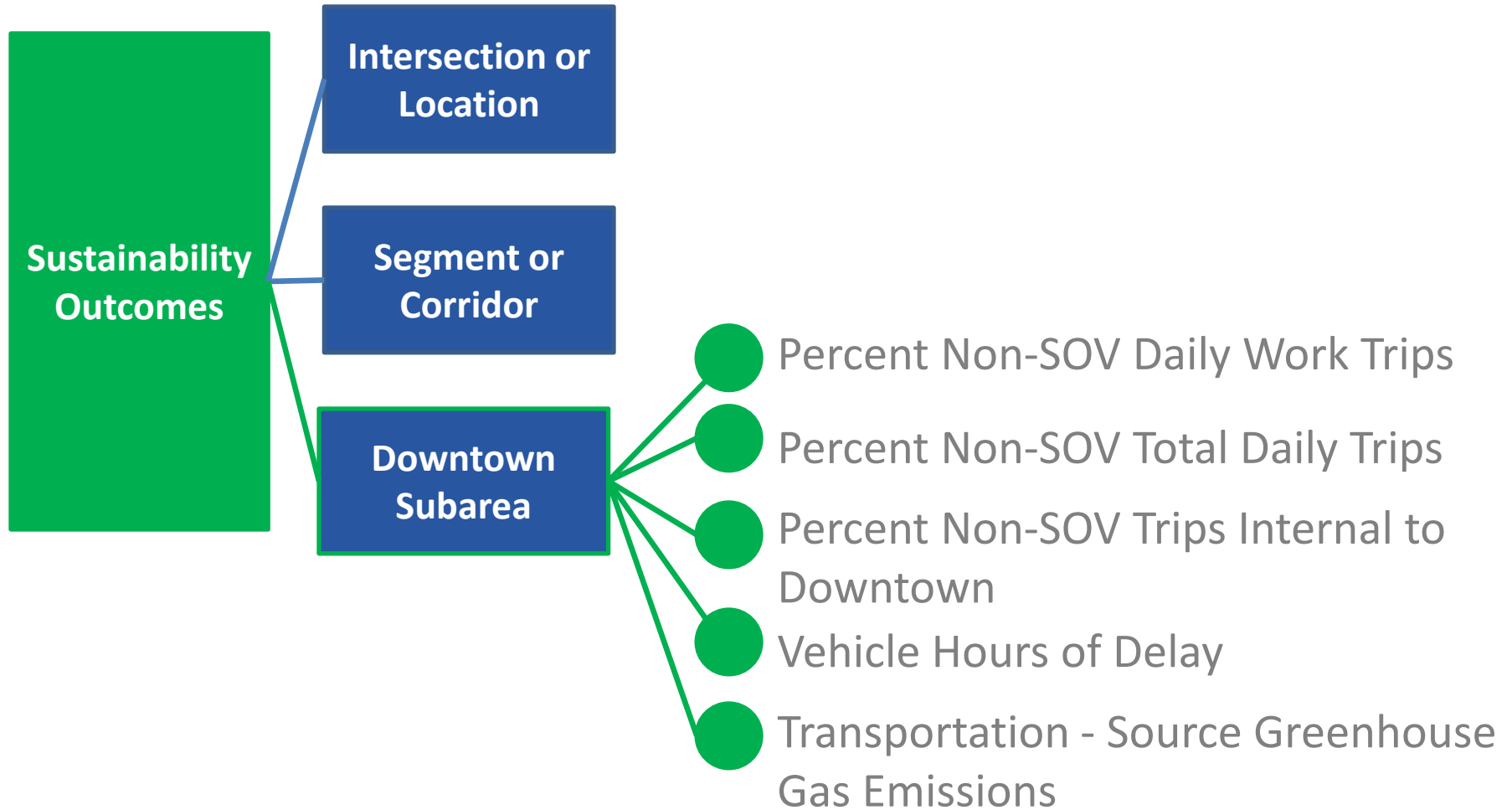
Core MOE: Bicyclist Mobility



Core MOE: Transit Rider Mobility



Core MOE: Sustainability Outcomes



Hypothetical Scenarios

Hypothetical Changes to a Roadway Cross-Section

- **Scenario 1:**

Eliminate two-way left-turn lane

Add bicycle lanes and landscaped median + pedestrian refuge

- **Scenario 2:**

Eliminate two-way left-turn lane

Add transit lane and landscaped median + pedestrian refuge

Scenario 1:

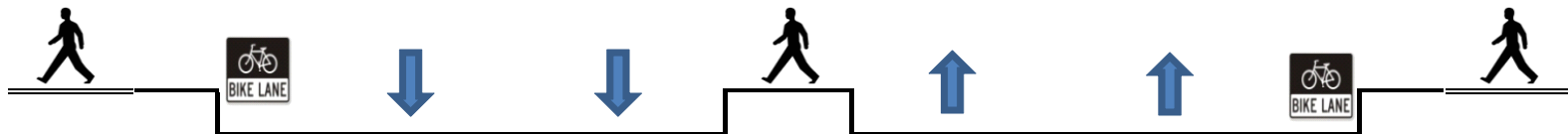
Remove Turn Lane

Add Median and Bicycle Lane

Existing Cross Section



Modified Cross Section



Refer to evaluation matrix in agenda materials and handout

Scenario 2:

Remove Turn Lane

Add Transit Lane

Existing Cross Section



Modified Cross Section



Refer to evaluation matrix in agenda materials and handout

Next Steps

January 2012

- Scoping Report – review major issues identified by the community through the various public involvement events conducted through the late-Summer and Fall of 2011

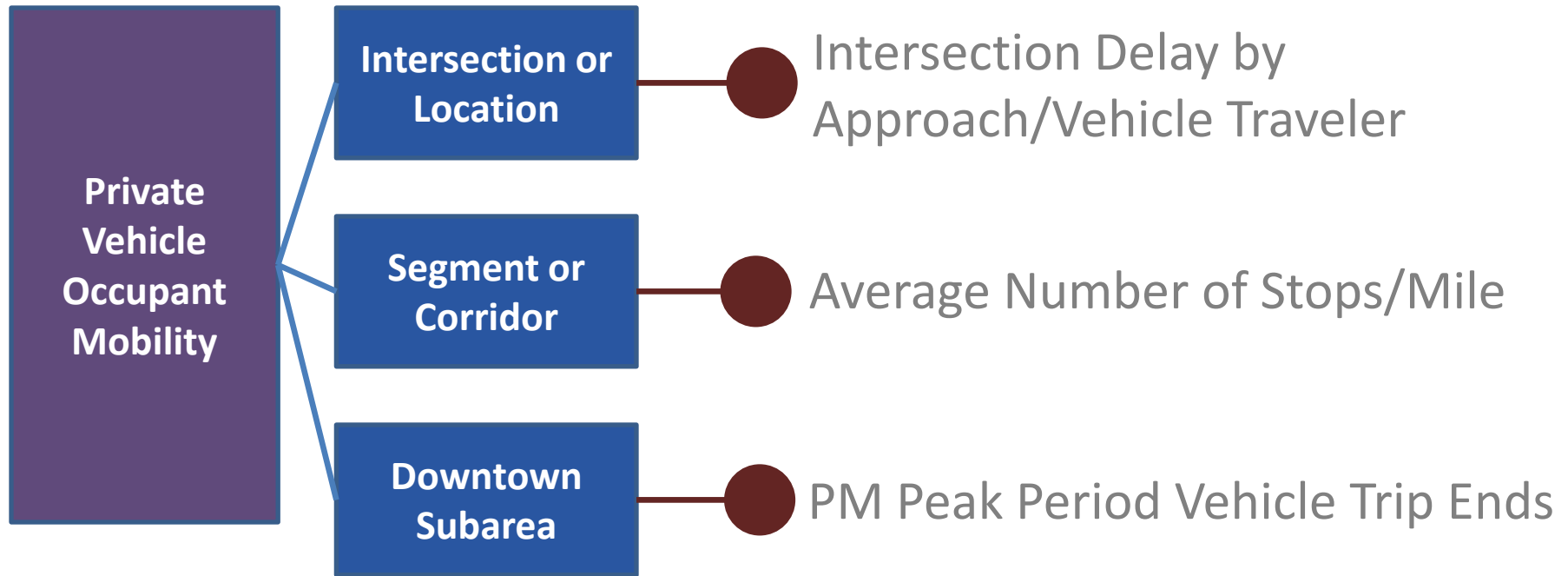
Q1 – Q3 2012

- Use measures of effectiveness to help identify projects to address transportation issues documented in the scoping report

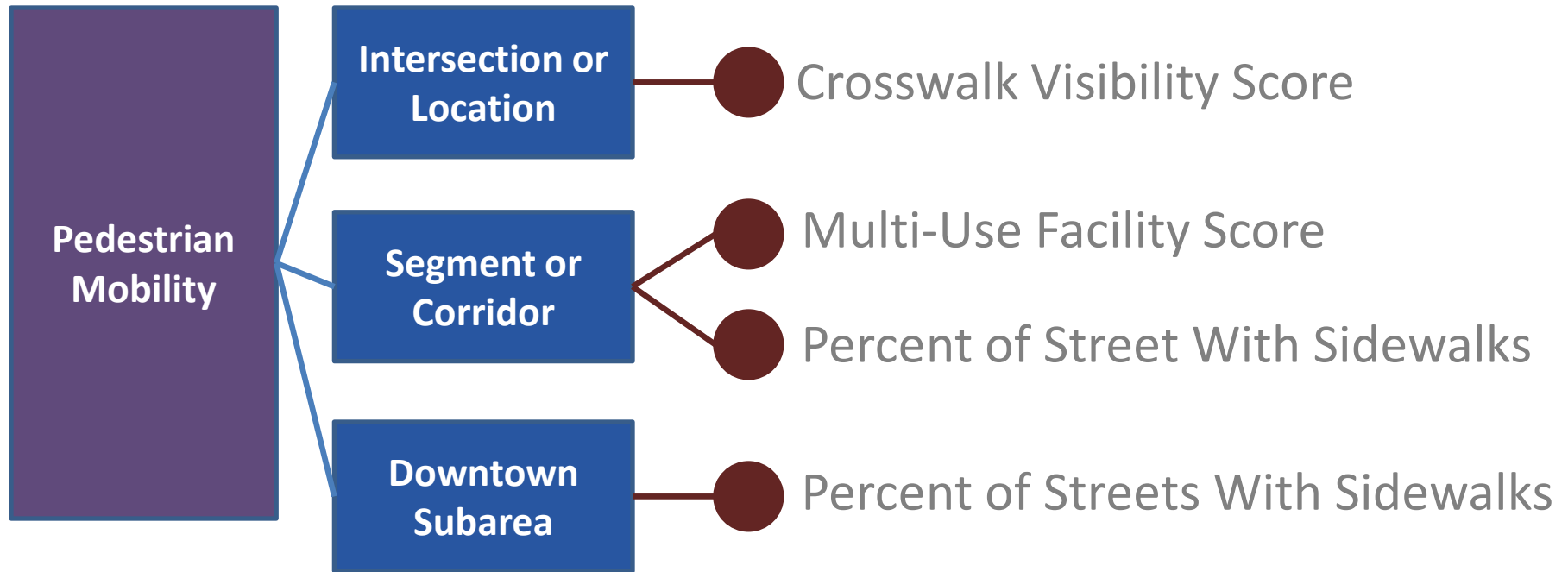
Supplemental Measures of Effectiveness

- May or may not be applicable to all modes or all types of projects
- Use will depend on project ideas generated and the potential for packaging of compatible projects

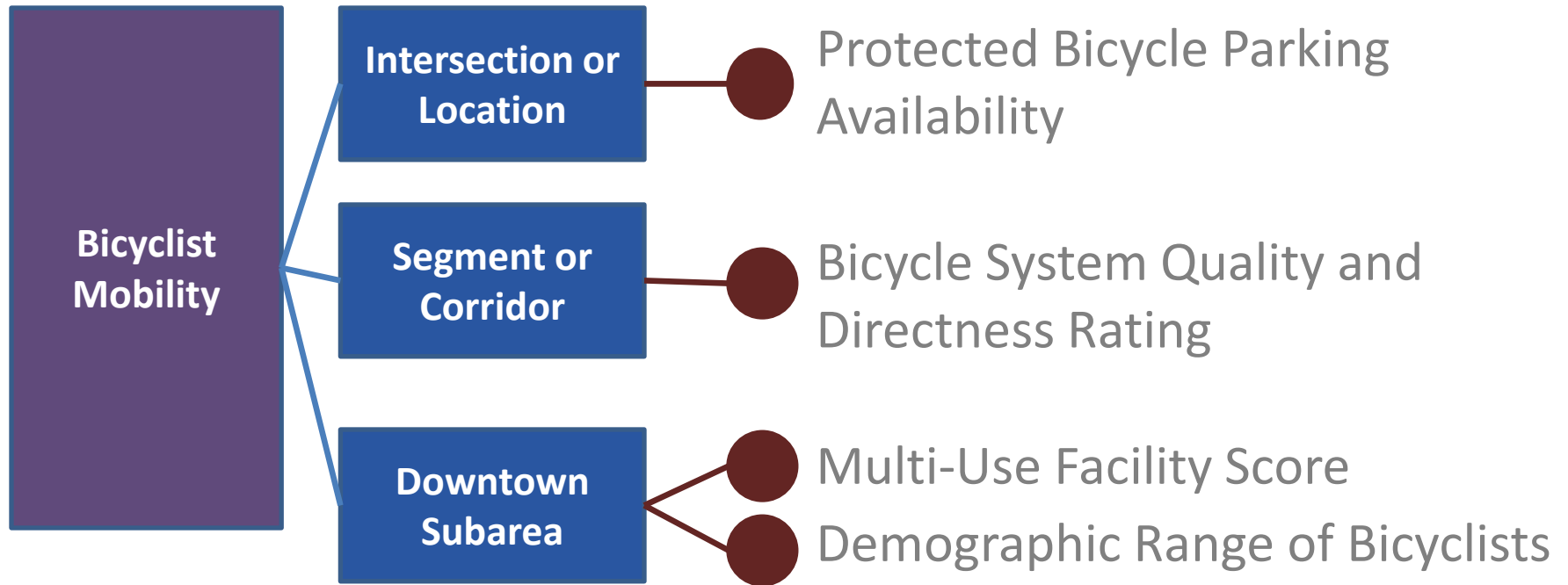
Supplemental MOE: Private Vehicle Occupant Mobility



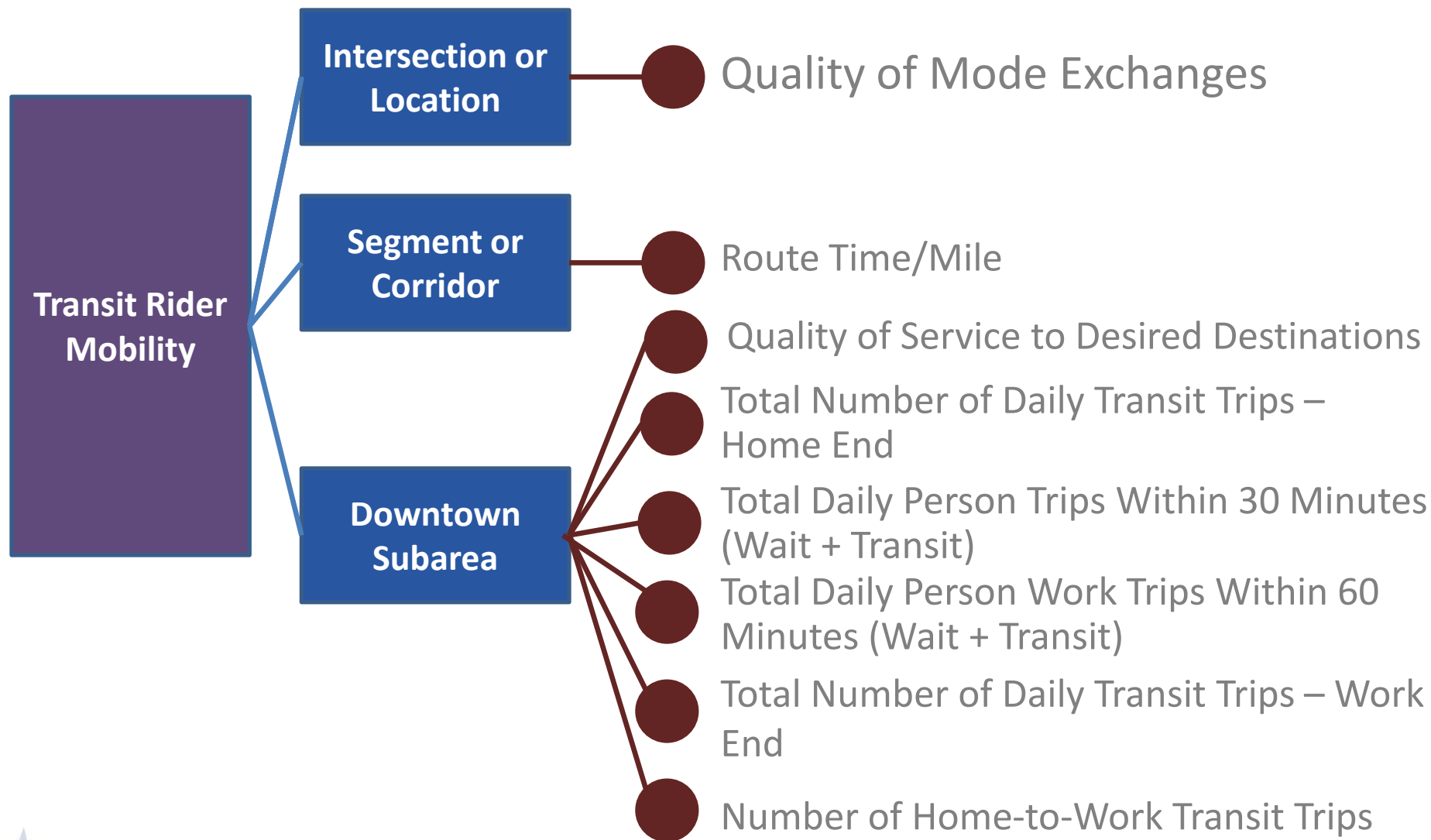
Supplemental MOE: Pedestrian Mobility



Supplemental MOE: Bicyclist Mobility



Supplemental MOE: Transit Rider Mobility



Supplemental MOE: Sustainability Outcomes

